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PATENT

Response under 37 CFR § 1.116
--EXPEDITED PROCEDURE--
Examining Group 1644

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application of: Faustman et al.

--EXPEDITED PROCEDURE--

Serial No.: 09/031,629

Examiner: P. Nolan

Filed: February 27, 1998

Art Unit: 1644

Entitled: METHODS FOR DIAGNOSING AND
TREATING AUTOIMMUNE DISEASE

Atty. Docket No.: 17633/1030 {formerly 11275/8407}

Box: AF

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT AND RESPONSE TO OFFICE ACTION

Sir:

This Amendment is filed in response to the Office Action, dated July 5, 2001, in the above-identified application.

Kindly consider the following amendments and remarks.

In the Claims:

Kindly replace claims 65, 70 and 71 with the following:

65. A method of screening for autoimmune disease associated with a reduction in NF κ B activity in a mammal deemed to be at risk for an autoimmune disease, comprising:

a) providing a biological sample from a mammal; and

b) detecting activity of proteasomes in said sample by measuring the level of proteolytic products derived from the proteolytic processing of NF κ B by said proteasomes generated by said proteasomes, wherein a reduction in the level of said proteolytic products from a basal state is